

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/31541

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01R13/52

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 709 924 A (JAPAN AVIATION ELECTRONICS) 1 May 1996 (1996-05-01)	1,2,4, 10-12
A	column 5, line 24 - column 6, line 18; figures 8-11	5-7,14, 15
Y	DE 42 14 031 A (GEBR. BERKER) 4 November 1993 (1993-11-04)	1,2,4, 10-12
A	column 1, line 60 - column 2, line 49; figures 10-12	
A	EP 0 401 723 A (D.DIETRICH) 12 December 1990 (1990-12-12)	1,8
	column 7, line 33 - line 44; figure 1	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

25 May 2004

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07/06/2004

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